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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/004,783	12/04/2001	Timothy E. Moses	10500.01.7101	8446
23418	7590	04/05/2005	EXAMINER	
VEDDER PRICE KAUFMAN & KAMMHOLZ 222 N. LASALLE STREET CHICAGO, IL 60601			NGUYEN, MINH DIEU T	
			ART UNIT	PAPER NUMBER

2137

DATE MAILED: 04/05/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/004,783

Applicant(s)

MOSES ET AL

Examiner

Minh Dieu Nguyen

Art Unit

2137

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 27 December 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 8,11-15,24 and 27-30 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 8,11-15,24 and 27-30 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Response to Amendment

1. Applicant's amendment and response dated December 27, 2004 have been entered with the amendments of claims 8 and 15.

Claims 8, 11-15, 24, 27-30 are pending.

Response to Arguments

2. Applicant's arguments, filed December 27, 2004, with respect to the rejection(s) of claim(s) 8, 11-15, 24, and 27-30 have been fully considered and are persuasive. Therefore, the rejection has been withdrawn. However, upon further consideration, a new ground(s) of rejection is made in view of Perlman et al. (5,687,235).

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. Claims **8, 12-15, 24, 28-30** are rejected under 35 U.S.C. 102(e) as being anticipated by Perlman et al. (5,687,235).

a) **As to claims 8, 13-15, 24 and 29-30**, Perlman et al. discloses a method for updating a user's list of public key certificates issued by a certification authority on a distributed communications system (Fig. 2). In the invention, a public key certification authority issues a list of the certificates that have been revoked (called a "blacklist"), either periodically or on demand, in order to allow the user to update its list (col. 6, lines 12-29). This establishes the current state of the art with regards to public key certificates and that a user updating its list of public key certificates is well known in the art (col. 7, lines 19-23). Perlman provides a facility for monitoring a specific public key certificate identified by the update subscription information, (i.e. monitoring begins after a client requests it, which corresponds to providing subscriber subject information, col. 7, lines 46-49) and indicates the user when it changes (i.e. applying to the step of generating a reply, an indication of a change while on-line, col. 7, lines 49-61).

Perlman also discloses the user updating its information based on the indication of change (col. 8, line 64 to col. 9, line 2). The method of Perlman is a procedure to be implemented by computer hardware, and therefore also comprises an apparatus.

b) **As to claims 12 and 28**, Perlman teaches necessary step to take in monitoring any certificates. In order to monitor the certificates, its value must first be known, then compared with a previously known value. To determine the value, it must be accessed on the database, which constitutes pulling it from the database (i.e. certification revocation list storage provided by certificate authority, Fig. 2).

Claim Rejections - 35 USC § 103

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

As to claims 11 and 27, Perlman teaches the invention substantially as claimed, see the rejections of claims 8 and 24 above. Perlman does not teach an encoded message with the change to the public key certificate. The examiner takes official notice that it is well known to encrypt information related to security when transmitting it over a non-secure network (i.e. encoding message with the change to the public key certificate).

It would have been obvious to one of ordinary skill in the art at the time of the invention to implement encoding message identifying the change to the public key certificate of Perlman so as to provide security against imposter on networks.

Conclusion

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Minh Dieu Nguyen whose telephone number is 571-272-3873. The examiner can normally be reached on M-F 6:00-2:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Andrew Caldwell can be reached on 571-272-3868. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Art Unit: 2137

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 571-272-2100.

Minh Dieu Nguyen
Examiner
Art Unit 2137

mdn
3/31/05

A handwritten signature in black ink, appearing to read "Andrew Caldwell". The signature is stylized with a large, looped "A" and a cursive "Caldwell".

**ANDREW CALDWELL
SUPERVISORY PATENT EXAMINER**